

# Converting Colors

Hex(F487C5)

Have a look what the booklet for  
Hex(F487C5) contains.

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# **Color**

**Hex(F487C5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F487C5
RGB	244, 135, 197
RGB Percent	96%, 53%, 77%
CMY	0.0431, 0.4706, 0.2275
CMYK	0.00, 0.45, 0.19, 0.04
HSL	326°, 83%, 74%
HSV	326°, 45%, 96%
XYZ	56.0502, 40.5923, 57.7042
YIQ	174.6590, 45.0620, 42.3900

# Conversions

## Conversions Part 2

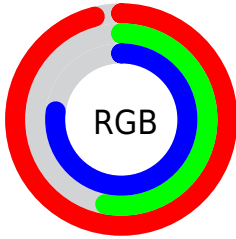
<b>Format</b>	<b>Color</b>
<b>RYB</b>	244, 135, 197
Decimal	16025541
CIELab	69.89, 49.08, -13.76
CIElCh	70, 50.973, 344.333
Yxy	40.5923, 0.3631, 0.2630
Android (android.graphics.Color)	4294215621 (0xFFFF487C5)
YUV	174.6590, 11.0141, 60.8121
Hunter-Lab	63.7121, 45.5381, -9.1007

# Details

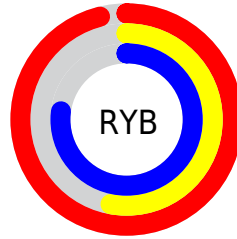
The Hex color **F487C5** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **87F4B6**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFBEFE**, and **BA518F** is the 20% darker color. If you saturate the color by 10%, you get **F46FBA**, and if you desaturate by 10%, it is **F49FD0**.

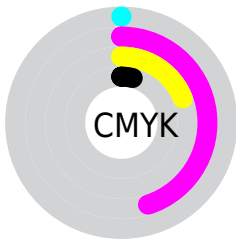
# Distribution



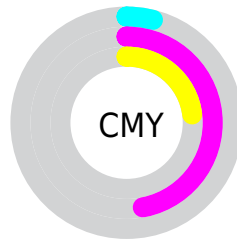
- Red (96%)
- Green (53%)
- Blue (77%)



- Red (96%)
- Yellow (53%)
- Blue (77%)



- Cyan (0%)
- Magenta (45%)
- Yellow (19%)
- Black (4%)



- Cyan (4%)
- Magenta (47%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F487C5 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color F487C5 by changing the saturation by 10% instead.



 F487C5

 F487C5

FFFFFF

 D76CAA

 FFBEFE

 BA518F

 FFDBFF

 9D3776

 FFF8FF

 81195D

 660045

 4C002F

 35001B

 0E0000

 000000

 F487C5

 F487C5

 F46FBA

 F49FD0

 F456B0

 F4B8DA

 F43EA5

 F4D0E5

 F4259B

 F4E9EF

 F40D90

 F4FFFA

 F4008B

 F4FFFF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



CB96ED



F487C5



FF8496

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



F487C5



B1AF4D



00BFEA

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



F487C5



87F4B6

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00C2C0



F487C5



7DBA66

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



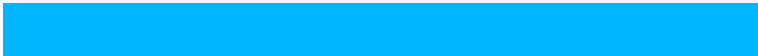
F487C5



DBA050



2EC190



00B7FF

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F487C5



FE8A79



2EC190



00C1DE



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



F487C5



FFDEF1



B487F4



806B77



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



F487C5



FF75C4



F48790



7A6E75



BA006A



3B0021



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



F487C5



FF75C4



87F4EB



7A6E75



BA006A

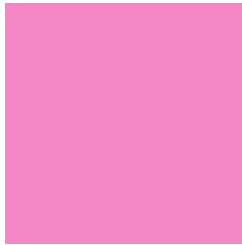


3B0021



# Previews

## White Background



This preview shows how the Hex color F487C5 looks on a white background.

## Color Contrast Check

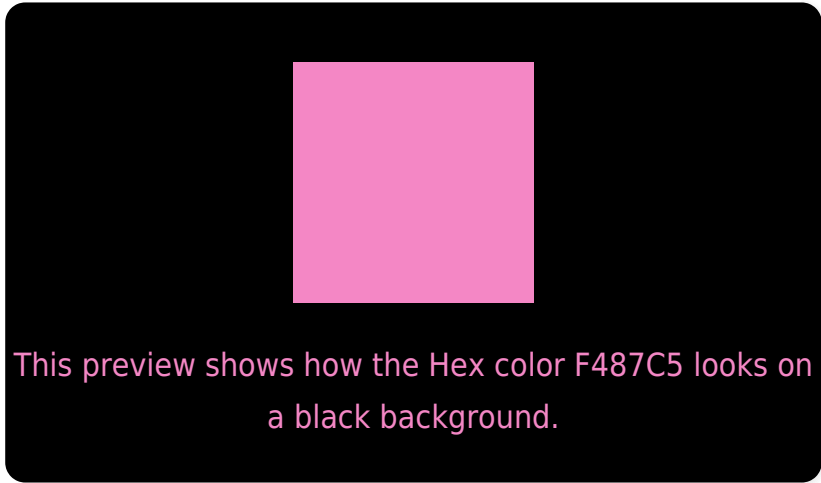
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F487C5 Background



This preview shows how black text looks on a background with the Hex color F487C5.

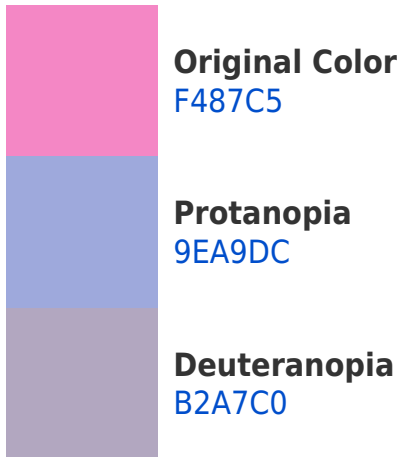


This preview shows how white text looks on a background with the Hex color F487C5.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

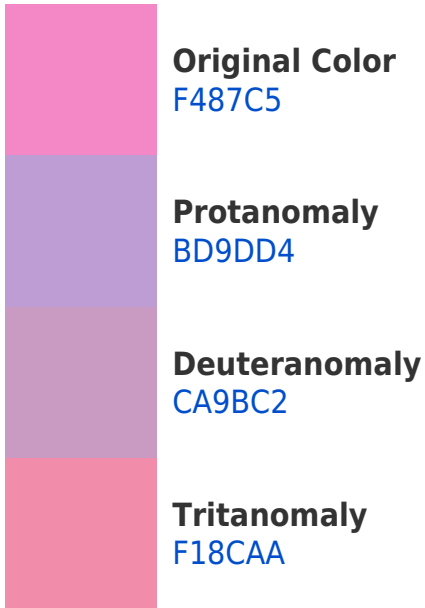
## Dichromacy



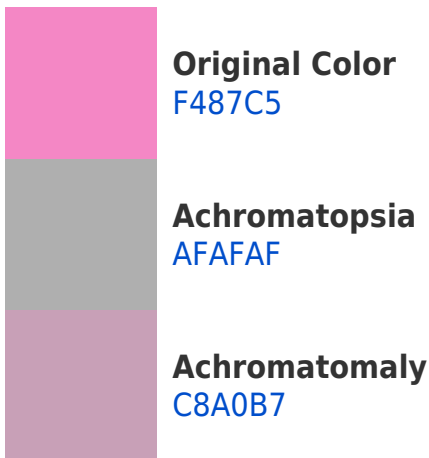


**Tritanopia**  
F08F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F487C5 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #F487C5 looks like.

```
.text, #text, p{  
  color:#F487C5  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #F487C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F487C5
}
```

## Border

The CSS property to change the border of an element to Hex F487C5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F487C5 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#F487C5 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #F487C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F487C5; -webkit-box-shadow:4px 4px  
4px 4px #F487C5; box-shadow:4px 4px 4px  
4px #F487C5 }
```

# Background

The CSS property to change the background color of an element to Hex F487C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F487C5 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#F487C5 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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